

Question	Answer
12.	By the \angle Add. Post., $m\angle ATB = 40^\circ$. $m\angle BAT = 40^\circ$ by the Alt. Int. \triangle Thm. $\angle ATB \cong \angle BAT$ by def. of \cong . Since $\angle ABT$ is isosc. by the Converse of the Isosc. \triangle Thm., $BT = BA = 2.4$ mi.
13.	69°
15.	130° or 172°
17.	92
19.	26
27a.	38°
27b.	53°
28.	$m\angle 1 = 58^\circ$; $m\angle 2 = 64^\circ$; $m\angle 3 = 122^\circ$